

U.S. Census Bureau  
Fertilizers and Related Chemicals - 2007  
MQ325B(07)-5  
Issued June 2008

Address inquiries concerning these data to Primary Goods Industries Branch, U.S. Department of Commerce, Census Bureau, Manufacturing and Construction Division, Washington, DC 20233-6900, or call John Linehan, 301-763-4742

These data are also available online through STAT-USA by subscription. For further information, visit <http://www.stat-usa.gov/> or call 1-800-STAT-USA.

Table 1. Shipments and Production of Principal Fertilizers and Related Chemicals: 2003 to 2007  
[Quantity in thousands of short tons. Value in millions of dollars]

Product code	Product description	Year	Total production	Total shipments including interplant transfers	
				Quantity	Value (f.o.b. plant)
3253111120	Ammonia, synthetic anhydrous 1/.....	2007	11,448	r/ 3,487	r/ 1,226
		2006	10,981	4,076	1,253
		2005	11,181	4,587	1,266
		2004	12,058	4,490	1,052
		2003	11,330	4,477	975
3253111201	Ammonium nitrate, original melt liquor 2/.....	2007	8,236	3,720	769
		2006	7,068	3,282	686
		2005	7,212	3,457	643
		2004	7,229	4,275	730
		2003	6,328	3,812	588
3253111240	Ammonium sulfate 1/.....	2007	3,145	2,342	397
		2006	2,870	2,335	306
		2005	2,906	2,775	401
		2004	3,005	2,989	399
		2003	2,871	2,919	315
3253114100	Urea (100 percent).....	2007	6,156	r/ 1,936	r/ 655
		2006	5,934	2,030	552
		2005	5,807	3,588	816
		2004	6,344	4,026	848
		2003	6,375	4,475	686
3253111111	Nitric acid (100 percent).....	2007	8,623	2,942	426
		2006	7,245	2,353	322
		2005	7,398	2,352	304
		2004	7,129	1,870	224
		2003	7,189	1,910	202
3253121100	Phosphoric acid (100 percent P2O5).....	2007	12,081	2,761	891
		2006	11,797	3,974	1,119
		2005	12,621	4,374	1,213
		2004	12,693	4,614	1,204
		2003	12,537	4,239	1,069
3251881100	Sulfuric acid, gross (100 percent).....	2007	39,745	r/ 11,998	r/ 622
		2006	39,578	12,084	683
		2005	40,996	11,823	648
		2004	41,934	12,574	637
		2003	41,144	11,598	611
3253124100	Superphosphates and other fertilizer materials (100 percent P2O5).....	2007	7,241	7,445	4,434
		2006	7,184	7,319	3,143
		2005	8,141	8,112	3,674
		2004	8,737	8,610	3,419
		2003	8,837	8,923	2,827

r/Revised by 5 percent or more from previously published data.

1/Excludes data for byproduct ammonia liquor and ammonium sulfate published by the Department of Energy.

2/Represents total amount of original melt liquor produced for all purposes.

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007  
[Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total production	Total shipments including interplant transfers		Stocks 1/
			Quantity	Value	
TOTAL					
Ammonia:					
3253111120	Synthetic, anhydrous (100 percent).....	11,448,079	3,487,410	1,225,762	(X)
3253111121	Fertilizer use.....	10,202,085	3,122,900	1,118,338	(X)
3253111131	Other uses.....	1,245,994	364,510	107,424	(X)
Ammonium nitrate (100 percent):					
3253111201	Original melt liquor 2/.....	8,235,898	3,719,879	768,767	(X)
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	151,514	(X)	(X)	(X)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	4,428,866	(X)	(X)	(X)
3253111221	High density prill and granular.....	852,593	814,650	176,452	(X)
3253111226	Low density prill and grained.....	2,162,355	2,370,333	518,915	(X)
3253111231	All other (e.g., liquor sales, etc.).....	640,570	534,896	73,400	(X)
3253111240	Ammonium sulfate (100 percent).....	3,144,751	2,342,366	396,631	(X)
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	341,398	197,103	27,868	(X)
3253111246	Byproduct 3/.....	2,803,353	2,145,263	368,763	(X)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	3,965,991	3,057,620	862,995	(X)
3253111251	Ammonium nitrate/urea solutions.....	3,740,232	2,846,819	831,548	(X)
3253111256	All other solutions 4/.....	225,759	210,801	31,447	(X)
3253111111	Nitric acid (100 percent) 5/.....	8,623,121	2,941,701	426,046	(X)
3253114101	Urea original melt liquor.....	6,156,042	1,935,917	654,509	(X)
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	2,992,772	301,654	104,653	(X)
3253114121	Prills.....	656,621	639,411	190,186	(X)
3253114131	Granular.....	2,388,544	859,663	257,095	(X)
3253114141	All other (liquor sales, melamine, feedstock, other).....	118,105	135,189	102,575	(X)
3253121100	Phosphoric acid (100 percent P2O5).....	12,080,965	2,761,158	891,489	(X)
By use:					
3253121211	Fertilizer.....	11,018,170	2,399,604	723,286	(X)
3253121222	Feed and other 6/.....	1,062,795	361,554	168,203	(X)
By grade:					
3253121311	Ortho (less than 65 percent P2O5).....	10,979,616	1,519,280	474,233	(X)
3253121322	Super (more than 65 percent P2O5) 6/.....	1,101,349	1,241,878	417,256	(X)
3253124100	Superphosphate and other phosphatic fertilizer materials:				
	Gross weight.....	15,770,805	15,851,959	4,434,367	(X)
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	7,241,241	7,444,760	(X)	(X)
3253124131	Monoammonium phosphates:				
	Gross weight.....	5,256,531	5,127,342	1,434,683	(X)
	Nitrogen content.....	705,839	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	2,527,338	2,612,780	(X)	(X)
3253124211	Diammonium phosphates:				
	Gross weight.....	9,351,266	9,552,335	2,664,482	(X)
	Nitrogen content.....	1,696,362	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	4,155,219	4,290,001	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic				

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007  
[Quantity in short tons. Value in thousands of dollars]

Product code	Product description		Total production	Total shipments including interplant transfers		Quantity	Value	Stocks 1/	
	fertilizer materials: 7/								
	Gross weight.....		1,163,008			1,172,282	335,202		(X)
	Nitrogen content.....		(X)			(X)	(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....		558,684			541,979	(X)		(X)
3251881100	Sulfuric acid (100 percent): 5/								
	Total gross.....		39,744,593			11,997,608	621,661		(X)
	By feedstock:								
3251881111	Elemental sulfur.....		33,723,824			6,966,762	356,921		(X)
3251881121	Smelting metallic sulfide ore.....		2,759,556			2,660,348	85,025		(X)
3251881131	Decomposition of alkylation and other spent acid.....		2,486,855			1,764,389	145,421		(X)
3251881141	Other.....		774,358			606,109	34,294		(X)
	By grade:								
3251881212	Oleum grades.....		1,640,403			1,150,699	56,636		(X)
3251881231	Other than oleum grades.....		38,104,190			10,846,909	565,025		(X)
3251881311	Spent acid fortified in contact units and included in above production data.....		1,198,180			(X)	(X)		(X)
	Total new acid 8/.....		37,257,738			(X)	(X)		(X)
<b>FOURTH QUARTER</b>									
	Ammonia:								
3253111120	Synthetic, anhydrous (100 percent).....	a/	2,759,589	b/r/	991,339	b/r/	382,304	a/	211,125
3253111121	Fertilizer use.....	a/	2,404,429	a/r/	882,416	b/r/	348,896	a/	190,036
3253111131	Other uses.....	b/	355,160	c/	108,923	c/r/	33,408	b/	21,089
	Ammonium nitrate (100 percent):								
3253111201	Original melt liquor 2/.....		2,249,107	b/	971,446	b/	202,095	b/r/	132,315
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....		38,256		(X)		(X)		(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....		1,222,007		(X)		(X)		(D)
3253111221	High density prill and granular.....		(D)		(D)		(D)		(D)
3253111226	Low density prill and grained.....	b/	569,024	c/	617,680	b/	136,380	r/	45,117
3253111231	All other (e.g., liquor sales, etc.).....		(D)		(D)	c/	(D)	c/r/	12,715
3253111240	Ammonium sulfate (100 percent).....		857,272		561,728		118,122		174,882
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....		(D)		(D)		(D)	r/	19,041
3253111246	Byproduct 3/.....		(D)		(D)		(D)		155,841
3253111250	Nitrogen solutions, including mixtures (100 percent N).....		945,755		757,338	r/	232,210	r/	122,191
3253111251	Ammonium nitrate/urea solutions.....	a/	878,895	a/	696,765	r/	220,658	r/	111,646
3253111256	All other solutions 4/.....	r/	66,860	r/	60,573		11,552	r/	10,545
3253111111	Nitric acid (100 percent) 5/.....	a/	2,653,970	b/	1,046,565	b/	152,036		(X)
3253114101	Urea original melt liquor.....	a/	1,554,676	b/r/	439,956	b/r/	158,283	a/r/	84,884
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....		837,815		(D)		(D)	b/r/	10,093
3253114121	Prills.....	b/	155,832		(D)		(D)	a/	(D)
3253114131	Granular.....		(D)	a/r/	172,290	a/r/	54,952	a/r/	45,715
3253114141	All other (liquor sales, melamine, feedstock, other).....		(D)	b/	(D)		(D)		(D)
3253121100	Phosphoric acid (100 percent P2O5).....		3,056,292		672,278		261,882		122,464
	By use:								
3253121211	Fertilizer.....	b/	2,795,818		585,174		219,124	b/	114,053
3253121222	Feed and other 6/.....		260,474		87,104		42,758		8,411
	By grade:								

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007  
[Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total production	Total shipments including interplant transfers		Quantity	Value	Stocks 1/	
3253121311	Ortho (less than 65 percent P2O5).....	2,775,883			341,534	142,038		105,436
3253121322	Super (more than 65 percent P2O5) 6/.....	280,409			330,744	119,844		17,028
3253124100	Superphosphate and other phosphatic fertilizer materials:							
	Gross weight.....	3,722,912			3,735,125	1,219,904		431,245
	Nitrogen content.....	(X)			(X)	(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	1,652,217			1,691,117	(X)		(X)
3253124131	Monoammonium phosphates:							
	Gross weight..... b/	1,244,870	b/	1,204,019	b/	391,345		(D)
	Nitrogen content..... c/	168,691		(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5)..... b/	605,286		(D)		(X)		(X)
3253124211	Diammonium phosphates:							
	Gross weight..... b/	2,226,487	b/	2,262,140	b/	729,050	a/	243,582
	Nitrogen content..... b/	388,923		(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5)..... b/	951,686	b/	982,622	a/	(X)		(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/							
	Gross weight.....	251,555			268,966	99,509		(D)
	Nitrogen content.....	(X)			(X)	(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	95,245			(D)	(X)		(X)
3251881100	Sulfuric acid (100 percent): 5/							
	Total gross..... b/	10,405,728	a/	3,130,047	b/	164,523	a/	387,840
	By feedstock:							
3251881111	Elemental sulfur..... b/	8,875,288	b/r/	1,899,674	b/	96,590		(X)
3251881121	Smelting metallic sulfide ore.....	669,664		650,951	a/	22,111		(X)
3251881131	Decomposition of alkylation and other spent acid..... a/	653,597	a/	420,901	a/	36,936		(D)
3251881141	Other..... b/	207,179	b/	158,521	b/	8,886		(X)
	By grade:							
3251881212	Oleum grades.....	508,514	a/	357,099	a/	18,942	b/r/	37,099
3251881231	Other than oleum grades..... b/	9,897,214	a/	2,772,948	a/	145,581	a/	350,741
3251881311	Spent acid fortified in contact units and included in above production data..... a/	246,017		(X)		(X)		(D)
	Total new acid 8/.....	9,752,131		(X)		(X)		(X)
<b>THIRD QUARTER</b>								
	Ammonia:							
3253111120	Synthetic, anhydrous (100 percent)..... a/	2,829,223	a/r/	880,933	a/r/	340,352	a/	320,566
3253111121	Fertilizer use..... a/	2,578,807	r/	787,679	r/	313,680	a/	296,531
3253111131	Other uses..... b/	250,416	c/	93,254	c/	26,672	a/	24,035
	Ammonium nitrate (100 percent):							
3253111201	Original melt liquor 2/.....	1,900,294	b/	882,076	b/	182,169	b/	146,858
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	36,632		(X)		(X)		(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions..... a/	1,017,738		(X)		(X)	a/r/	85,109
3253111221	High density prill and granular.....	(D)		(D)		(D)		(D)
3253111226	Low density prill and grained..... b/	534,674	c/	592,740	b/	131,076	b/	35,037
3253111231	All other (e.g., liquor sales, etc.)..... b/	(D)		(D)	c/	(D)	b/	13,018
3253111240	Ammonium sulfate (100 percent).....	759,887		534,091		92,902		152,175
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)		(D)	a/	(D)		18,886
3253111246	Byproduct 3/.....	(D)		(D)		(D)		133,289

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007  
[Quantity in short tons. Value in thousands of dollars]

Product code	Product description		Total production		Total shipments including interplant transfers		Quantity	Value	Stocks 1/
3253111250	Nitrogen solutions, including mixtures (100 percent N).....		962,033				726,190	r/ 218,075	141,891
3253111251	Ammonium nitrate/urea solutions.....		908,937				680,850	r/ 211,542	(D)
3253111256	All other solutions 4/.....	r/	53,096	r/			45,340	6,533	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/	1,938,998	c/			689,845	c/ 101,310	(X)
3253114101	Urea original melt liquor.....	a/	1,533,926	b/r/			507,713	b/r/ 169,381	a/ 134,943
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	707,223				81,880	27,845	(D)
3253114121	Prills.....	a/	(D)	a/			(D)	(D)	(D)
3253114131	Granular.....		634,662	a/r/			223,468	a/r/ 68,160	94,434
3253114141	All other (liquor sales, melamine, feedstock, other).....		(D)	b/			(D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....		3,076,073				563,177	177,109	174,959
	By use:								
3253121211	Fertilizer.....		2,801,867	a/			473,645	a/ 135,756	169,267
3253121222	Feed and other 6/.....		274,206				89,532	41,353	5,692
	By grade:								
3253121311	Ortho (less than 65 percent P2O5).....	a/	2,806,037	b/			255,358	b/ 78,864	152,944
3253121322	Super (more than 65 percent P2O5) 6/.....		270,036				307,819	98,245	22,015
3253124100	Superphosphate and other phosphatic fertilizer materials:								
	Gross weight.....		4,140,726				4,137,520	r/ 1,360,412	480,224
	Nitrogen content.....		(X)				(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,928,448				1,976,287	(X)	(X)
3253124131	Monoammonium phosphates:								
	Gross weight.....		1,351,007	a/			1,395,695	446,338	(D)
	Nitrogen content.....	b/	178,357				(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	a/	657,819				(D)	(X)	(X)
3253124211	Diammonium phosphates:								
	Gross weight.....		2,562,855				2,530,064	r/ 842,308	302,720
	Nitrogen content.....		459,354				(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,159,778				1,143,723	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/								
	Gross weight.....	a/	226,864	a/			211,761	71,766	(D)
	Nitrogen content.....		(X)				(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/	110,851				(D)	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/								
	Total gross.....	a/	10,163,990	b/r/			3,093,089	b/r/ 159,566	376,956
	By feedstock:								
3251881111	Elemental sulfur.....	a/	8,578,769	b/r/			1,798,926	b/r/ 93,408	(X)
3251881121	Smelting metallic sulfide ore.....	b/	712,114	b/			673,256	c/ 20,039	(X)
3251881131	Decomposition of alkylation and other spent acid.....	a/	674,313	a/			464,395	a/ 37,389	(D)
3251881141	Other.....	b/	198,794	b/			156,512	b/ 8,730	(X)
	By grade:								
3251881212	Oleum grades.....	a/	376,711	a/			285,087	b/ 11,964	27,577
3251881231	Other than oleum grades.....	a/	9,787,279	a/r/			2,808,002	b/r/ 147,602	349,379
3251881311	Spent acid fortified in contact units and included in above production data.....	a/	261,567				(X)	(X)	(D)
	Total new acid 8/.....		9,489,677				(X)	(X)	(X)

SECOND QUARTER

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007  
[Quantity in short tons. Value in thousands of dollars]

Product code	Product description		Total production		Total shipments including interplant transfers		Value	Stocks 1/
					Quantity			
	Ammonia:							
3253111120	Synthetic, anhydrous (100 percent).....	a/	2,964,164	a/r/	837,974	a/r/	269,632	298,034
3253111121	Fertilizer use.....	a/	2,663,036	r/	758,473	r/	246,225	a/ 268,280
3253111131	Other uses.....	a/	301,128		79,501		23,407	29,754
	Ammonium nitrate (100 percent):							
3253111201	Original melt liquor 2/.....		2,034,158	b/	933,523	b/	197,106	b/ 141,820
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....		(D)		(X)		(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	1,090,563		(X)		(X)	b/ 78,284
3253111221	High density prill and granular.....		(D)		(D)		(D)	(D)
3253111226	Low density prill and grained.....	b/	518,468	b/	585,716	b/	128,295	46,273
3253111231	All other (e.g., liquor sales, etc.).....	b/	173,246	b/	(D)	c/	(D)	a/ 9,146
3253111240	Ammonium sulfate (100 percent).....		749,047		614,840		100,499	69,413
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....		(D)		(D)		(D)	15,176
3253111246	Byproduct 3/.....		(D)		(D)		(D)	54,237
3253111250	Nitrogen solutions, including mixtures (100 percent N).....		1,018,005		839,947	r/	239,001	125,048
3253111251	Ammonium nitrate/urea solutions.....	a/	966,048		788,284	r/	232,012	115,523
3253111256	All other solutions 4/.....	r/	51,957	r/	51,663		6,989	9,525
3253111111	Nitric acid (100 percent) 5/.....	b/	1,968,748	c/	614,073	c/	89,339	(X)
3253114101	Urea original melt liquor.....	a/	1,590,314	b/r/	486,757	b/r/	168,447	90,044
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	732,463		76,553		26,441	(D)
3253114121	Prills.....	a/	164,115	a/	(D)		(D)	24,907
3253114131	Granular.....		662,094	a/r/	230,948	a/r/	73,139	39,179
3253114141	All other (liquor sales, melamine, feedstock, other).....		31,642		(D)		(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....		2,975,421		750,319		237,774	185,109
	By use:							
3253121211	Fertilizer.....		2,702,007	a/	650,527	a/	191,702	179,524
3253121222	Feed and other 6/.....		273,414		99,792		46,072	5,585
	By grade:							
3253121311	Ortho (less than 65 percent P2O5).....		2,706,835	a/r/	433,009	a/r/	131,946	166,983
3253121322	Super (more than 65 percent P2O5) 6/.....		268,586	r/	317,310	r/	105,828	18,126
3253124100	Superphosphate and other phosphatic fertilizer materials:							
	Gross weight.....		3,925,261		3,853,264		1,014,864	413,887
	Nitrogen content.....		(X)		(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,819,696		1,825,552		(X)	(X)
3253124131	Monoammonium phosphates:							
	Gross weight.....	a/	1,456,700		1,424,707		349,157	132,225
	Nitrogen content.....		198,446		(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		725,501		(D)		(X)	(X)
3253124211	Diammonium phosphates:							
	Gross weight.....		2,217,244		2,175,858		597,587	248,901
	Nitrogen content.....		423,159		(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		960,908		972,316		(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/							

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007  
[Quantity in short tons. Value in thousands of dollars]

Product code	Product description			Total shipments including interplant transfers				Stocks 1/
		Total production		Quantity		Value		
	Gross weight.....	251,317	a/	252,699		68,120		32,761
	Nitrogen content.....	(X)		(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	133,287		(D)		(X)		(X)
3251881100	Sulfuric acid (100 percent): 5/							
	Total gross.....	a/ 9,518,666	b/r/	2,997,900	b/r/	153,082	a/	437,223
	By feedstock:							
3251881111	Elemental sulfur.....	a/ 7,958,889	b/r/	1,731,325	c/r/	86,058		(X)
3251881121	Smelting metallic sulfide ore.....	b/ 720,448	b/	670,327	c/	21,646		(X)
3251881131	Decomposition of alkylation and other spent acid.....	643,536	a/	449,091	a/	37,026		(D)
3251881141	Other.....	b/ 195,793	b/	147,157	b/	8,352		(X)
	By grade:							
3251881212	Oleum grades.....	r/ 355,788	a/	246,908	b/	12,577	a/	35,080
3251881231	Other than oleum grades.....	a/ 9,162,878	a/r/	2,750,992	b/r/	140,505	a/	402,143
3251881311	Spent acid fortified in contact units and included in above production data.....	a/ 281,241		(X)		(X)		(D)
	Total new acid 8/.....	8,875,130		(X)		(X)		(X)
<b>FIRST QUARTER</b>								
	Ammonia:							
3253111120	Synthetic, anhydrous (100 percent).....	b/ 2,895,103	a/r/	777,164	b/r/	233,474	a/	297,145
3253111121	Fertilizer use.....	a/ 2,555,813	a/r/	694,332	a/r/	209,537	a/	269,277
3253111131	Other uses.....	a/ 339,290		82,832		23,937		27,868
	Ammonium nitrate (100 percent):							
3253111201	Original melt liquor 2/.....	2,052,339	b/	932,834	b/	187,397	b/r/	172,849
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	(D)		(X)		(X)		(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 1,098,558		(X)		(X)	c/	(D)
3253111221	High density prill and granular.....	(D)		(D)		(D)		(D)
3253111226	Low density prill and grained.....	b/ 540,189	b/	574,197	b/	123,164	b/	57,350
3253111231	All other (e.g., liquor sales, etc.).....	c/ 165,529	c/	(D)	c/	(D)	a/	25,859
3253111240	Ammonium sulfate (100 percent).....	778,545		631,707		85,108	a/	90,228
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)		(D)	a/	(D)		23,988
3253111246	Byproduct 3/.....	(D)		(D)		(D)	a/	66,240
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	1,040,198		734,145	r/	173,709		183,994
3253111251	Ammonium nitrate/urea solutions.....	986,352		680,920	r/	167,336		(D)
3253111256	All other solutions 4/.....	r/ 53,846	r/	53,225		6,373		(D)
3253111111	Nitric acid (100 percent) 5/.....	b/ 2,061,405	c/	591,218	c/	83,361		(X)
3253114101	Urea original melt liquor.....	a/ 1,477,126	a/r/	501,491	a/r/	158,398	b/	83,736
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 715,271		(D)		(D)		(D)
3253114121	Prills.....	(D)		(D)		(D)	a/	(D)
3253114131	Granular.....	(D)	r/	232,957	a/r/	60,844		36,923
3253114141	All other (liquor sales, melamine, feedstock, other).....	(D)		(D)		(D)		(D)
3253121100	Phosphoric acid (100 percent P2O5).....	2,973,179	r/	775,384		214,724		146,963
	By use:							
3253121211	Fertilizer.....	a/ 2,718,478	b/r/	690,258	b/	176,704	a/	138,823
3253121222	Feed and other 6/.....	254,701		85,126		38,020		8,140
	By grade:							
3253121311	Ortho (less than 65 percent P2O5).....	a/ 2,690,861	c/r/	489,379	c/	121,385	a/	126,559



Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007  
[Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total shipments including interplant transfers		Total production	Quantity	Value	Stocks 1/
3253121322	Super (more than 65 percent P2O5) 6/.....			282,318	286,005	93,339	20,404
3253124100	Superphosphate and other phosphatic fertilizer materials:						
	Gross weight.....			3,981,906	4,126,050	839,187	364,439
	Nitrogen content.....			(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....			1,840,880	1,951,804	(X)	(X)
3253124131	Monoammonium phosphates:						
	Gross weight.....	a/		1,203,954	a/ 1,102,921	a/ 247,843	116,741
	Nitrogen content.....			160,345	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	a/		538,732	(D)	a/ (X)	(X)
3253124211	Diammonium phosphates:						
	Gross weight.....			2,344,680	2,584,273	495,537	186,748
	Nitrogen content.....			424,926	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....			1,082,847	1,191,340	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/						
	Gross weight.....	a/		433,272	a/ 438,856	95,807	60,950
	Nitrogen content.....			(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/		219,301	(D)	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/						
	Total gross.....	a/		9,656,209	b/r/ 2,776,572	b/r/ 144,490	a/ 511,639
	By feedstock:						
3251881111	Elemental sulfur.....	a/		8,310,878	b/r/ 1,536,837	c/r/ 80,865	(X)
3251881121	Smelting metallic sulfide ore.....			657,330	665,814	a/ 21,229	(X)
3251881131	Decomposition of alkylation and other spent acid.....	a/		515,409	a/ 430,002	a/ 34,070	(D)
3251881141	Other.....	a/		172,592	b/ 143,919	b/ 8,326	(X)
	By grade:						
3251881212	Oleum grades.....	b/		399,390	a/ 261,605	b/ 13,153	b/ 37,189
3251881231	Other than oleum grades.....	a/		9,256,819	a/r/ 2,514,967	a/r/ 131,337	a/ 474,450
3251881311	Spent acid fortified in contact units and included in above production data.....	b/		409,355	(X)	(X)	(D)
	Total new acid 8/.....			9,140,800	(X)	(X)	(X)

D Withheld to avoid disclosing data for individual companies. N Nitrogen content. P2O5 Phosphoric oxide content.  
r/Revised by 5 percent or more from previously published data. X Not applicable.

1/Stocks held by producing companies include amounts held at their nonproducing locations.

2/Production represents total amount of ammonium nitrate produced including amounts for fertilizer, explosives, and other uses, and amounts consumed in manufacturing other products, such as nitrogen solutions. Stocks represent total stocks held by producing companies, including stock of original melt liquor and amounts (liquid and solid) reported as fertilizer, explosives, and other uses.

3/Excludes coke oven byproduct ammonium sulfate.

4/Solutions containing two or more products such as (a) ammonia, ammonium nitrate; (b) ammonia, urea; (c) ammonia, ammonium nitrate, urea.

5/Includes data for government-owned, contractor-operated plants.

6/Product code 3253121222 includes product codes 3253121111 and 3253121221, and product code 3253121322 includes product codes 3253121111 and 3253121321.

7/Product code 3253124222 includes product codes 3253124111 and 3253124121.

8/Total new acid equals total gross acid, minus fortified spent acid and sulfuric acid produced from the decomposition of alkylation acids and other spent acids and sludge acid.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006  
[Quantity in short tons. Value in thousands of dollars]

Product code		Total production	Total shipments including interplant transfers		Stocks 1/
			Quantity	Value	
TOTAL					
	Ammonia:				
3253111120	Synthetic, anhydrous (100 percent).....	10,980,777	4,075,577	1,253,213	(X)
3253111121	Fertilizer use.....	9,746,182	3,737,999	1,153,618	(X)
3253111131	Other uses.....	1,234,595	337,578	99,595	(X)
	Ammonium nitrate (100 percent):				
3253111201	Original melt liquor 2/.....	7,067,760	3,281,689	686,402	(X)
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	144,728	(X)	(X)	(X)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	3,707,688	(X)	(X)	(X)
3253111221	High density prill and granular.....	641,595	624,379	119,738	(X)
3253111226	Low density prill and grained.....	1,977,139	2,135,692	484,208	(X)
3253111231	All other (e.g., liquor sales, etc.).....	596,610	521,618	82,456	(X)
3253111240	Ammonium sulfate (100 percent).....	2,870,221	2,334,895	305,599	(X)
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	217,849	183,917	29,558	(X)
3253111246	Byproduct 3/.....	2,652,372	2,150,978	276,041	(X)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	3,720,098	2,759,810	617,015	(X)
3253111251	Ammonium nitrate/urea solutions.....	3,542,438	2,600,574	592,285	(X)
3253111256	All other solutions 4/.....	177,660	159,236	24,730	(X)
3253111111	Nitric acid (100 percent) 5/.....	7,244,540	2,353,264	321,844	(X)
3253114101	Urea original melt liquor.....	5,933,927	2,030,421	551,901	(X)
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	2,570,489	229,316	60,820	(X)
3253114121	Prills.....	656,393	638,186	164,655	(X)
3253114131	Granular.....	2,622,129	1,084,247	266,319	(X)
3253114141	All other (liquor sales, melamine, feedstock, other).....	84,916	78,672	60,107	(X)
3253121100	Phosphoric acid (100 percent P2O5).....	11,796,531	3,973,906	1,118,570	(X)
	By use:				
3253121211	Fertilizer.....	10,807,680	3,356,106	835,521	(X)
3253121222	Feed and other 6/.....	988,851	617,800	283,049	(X)
	By grade:				
3253121311	Ortho (less than 65 percent P2O5).....	10,608,093	2,780,404	726,059	(X)
3253121322	Super (more than 65 percent P2O5) 6/.....	1,188,438	1,193,502	392,511	(X)
3253124100	Superphosphate and other phosphatic fertilizer materials:				
	Gross weight.....	15,287,915	15,743,286	3,142,989	(X)
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	7,184,063	7,319,484	(X)	(X)
3253124131	Monoammonium phosphates:				
	Gross weight.....	4,346,275	4,415,682	920,860	
	Nitrogen content.....	644,816	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	2,170,318	2,212,351	(X)	(X)
3253124211	Diammonium phosphates:				
	Gross weight.....	9,615,059	10,072,686	1,970,883	(X)
	Nitrogen content.....	1,709,083	(X)	(X)	
	Phosphoric oxide content (100 percent P2O5).....	4,322,767	4,436,815	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/				(X)
	Gross weight.....	1,326,581	1,254,918	251,246	(X)

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006  
[Quantity in short tons. Value in thousands of dollars]

Product code			Total production	Total shipments including interplant transfers				
				Quantity		Value		Stocks 1/
	Nitrogen content.....		(X)	(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....		690,978	670,318		(X)		(X)
3251881100	Sulfuric acid (100 percent): 5/							(X)
	Total gross.....		39,577,927	12,083,554		682,711		
	By feedstock:							
3251881111	Elemental sulfur.....		33,697,815	7,319,130		420,398		(X)
3251881121	Smelting metallic sulfide ore.....		2,258,047	2,242,457		80,655		(X)
3251881131	Decomposition of alkylation and other spent acid.....		2,844,239	1,854,954		148,312		(X)
3251881141	Other.....		777,826	667,013		33,346		(X)
	By grade:							
3251881212	Oleum grades.....		1,784,856	1,262,951		64,618		(X)
3251881231	Other than oleum grades.....		37,793,071	10,820,603		618,093		(X)
3251881311	Spent acid fortified in contact units and included in above production data.....		1,592,959	(X)		(X)		(X)
	Total new acid 8/.....		36,733,688	(X)		(X)		(X)
FOURTH QUARTER								
	Ammonia:							
3253111120	Synthetic, anhydrous (100 percent).....	a/	3,013,391	961,580		279,143		269,999
3253111121	Fertilizer use.....	a/	2,673,395	(D)		(D)		231,751
3253111131	Other uses.....		339,996	(D)		(D)		38,248
	Ammonium nitrate (100 percent):							
3253111201	Original melt liquor 2/.....	a/	1,970,267	b/	836,428	b/	163,343	b/ 152,281
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....		(D)	(X)		(X)		(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....		1,056,214	(X)		(X)	b/	(D)
3253111221	High density prill and granular.....		(D)	(D)		(D)		(D)
3253111226	Low density prill and grained.....	a/	525,608	b/	505,801	b/	107,465	a/ 44,905
3253111231	All other (e.g., liquor sales, etc.).....	b/	175,295	b/	(D)	c/	(D)	a/ 20,009
3253111240	Ammonium sulfate (100 percent).....		742,799		565,998		76,298	135,804
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....		(D)	(D)		(D)		(D)
3253111246	Byproduct 3/.....		(D)	(D)		(D)		(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....		1,030,604		759,596		170,224	145,976
3253111251	Ammonium nitrate/urea solutions.....	a/	983,810		713,928		162,385	a/ (D)
3253111256	All other solutions 4/.....	a/	46,794		45,668		7,839	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/	1,946,428	c/	573,723	c/	80,204	(X)
3253114101	Urea original melt liquor.....	a/	1,530,453	b/	391,805	b/	112,909	a/ 100,324
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	723,133	(D)		(D)	a/	(D)
3253114121	Prills.....		(D)	(D)		(D)		(D)
3253114131	Granular.....		(D)		158,880		39,344	51,405
3253114141	All other (liquor sales, melamine, feedstock, other).....		(D)	(D)		(D)		(D)
3253121100	Phosphoric acid (100 percent P2O5).....		2,926,112		986,233		266,951	157,663
	By use:							
3253121211	Fertilizer.....	a/	2,675,669	b/	834,518	b/	202,807	a/ 148,831
3253121222	Feed and other 6/.....		250,443		151,715		64,144	8,832
	By grade:							
3253121311	Ortho (less than 65 percent P2O5).....	a/	2,646,353	c/	704,159	c/	176,729	a/ 139,990
3253121322	Super (more than 65 percent P2O5) 6/.....		279,759		282,074		90,222	17,673
3253124100	Superphosphate and other phosphatic							

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006  
[Quantity in short tons. Value in thousands of dollars]

Product code		Total production	Total shipments including interplant transfers					Stocks 1/
			Quantity		Value			
3253124131	fertilizer materials:							
	Gross weight.....	3,640,231		3,983,954		768,134		369,130
	Nitrogen content.....	(X)		(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	1,709,963		1,772,199		(X)		(X)
	Monoammonium phosphates:							
	Gross weight.....	b/ 998,562	b/	1,020,485	b/	199,991	b/	84,773
	Nitrogen content.....	a/ 146,150		(X)		(X)		(X)
3253124211	Phosphoric oxide content (100 percent P2O5).....	b/ 483,112	b/	497,353	b/	(X)		(X)
	Diammonium phosphates:							
	Gross weight.....	b/ 2,321,305	b/	2,629,860	b/	501,576	b/	230,115
3253124222	Nitrogen content.....	b/ 426,981		(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 1,052,192	b/	1,101,113	b/	(X)		(X)
	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/							
	Gross weight.....	a/ 320,364	a/	333,609	b/	66,567		54,242
	Nitrogen content.....	(X)		(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	c/ 174,659		173,733		(X)		(X)
	Sulfuric acid (100 percent): 5/							
3251881100	Total gross.....	a/ 9,980,984	b/	2,865,651	b/	163,912	a/	577,630
	By feedstock:							
	Elemental sulfur.....	a/ 8,643,662	b/	1,802,632	b/	100,867		(X)
	Smelting metallic sulfide ore.....	b/ 448,798	b/	449,754	c/	18,144		(X)
	Decomposition of alkylation and other spent acid.....	701,256		461,956		36,156		(D)
	Other.....	r/ 187,268	a/	151,309	a/	8,745		(X)
	By grade:							
	Oleum grades.....	a/ 456,573	b/	312,151	b/	15,143	b/	35,063
	Other than oleum grades.....	a/ 9,524,411	b/	2,553,500	b/	148,769	a/	542,567
	Spent acid fortified in contact units and included in above production data.....	a/ 454,459		(X)		(X)		(D)
	Total new acid 8/.....	9,279,728		(X)		(X)		(X)
	THIRD QUARTER							
3253111120	Ammonia:							
	Synthetic, anhydrous (100 percent).....	a/ 2,725,172		792,896	a/	236,255		250,786
	Fertilizer use.....	a/ 2,451,594		(D)		(D)		208,231
3253111131	Other uses.....	273,578		(D)		(D)		42,555
3253111201	Ammonium nitrate (100 percent):							
	Original melt liquor 2/.....	a/ 1,746,689	b/	745,254	b/	149,952	b/	131,888
	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	(D)		(X)		(X)		(D)
	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	958,114		(X)		(X)	b/	(D)
	High density prill and granular.....	(D)		(D)		(D)		(D)
	Low density prill and grained.....	a/ 474,024	b/	507,654	b/	108,947	a/	19,113
	All other (e.g., liquor sales, etc.).....	b/ 144,784		(D)		(D)		9,022
3253111240	Ammonium sulfate (100 percent).....	699,436		578,418		72,734		113,363
	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)		(D)		(D)		(D)
	Byproduct 3/.....	(D)		(D)		(D)		(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	a/ 963,479	a/	665,997	a/	154,691	a/	159,059
3253111251	Ammonium nitrate/urea solutions.....	a/ 920,060	a/	626,774	a/	148,730		(D)
3253111256	All other solutions 4/.....	b/ 43,419	a/	39,223	b/	5,961		(D)

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006  
[Quantity in short tons. Value in thousands of dollars]

Product code			Total production		Total shipments including interplant transfers		Value	Stocks 1/
					Quantity			
3253111111	Nitric acid (100 percent) 5/.....	a/	1,886,722	c/	559,405	c/	75,986	(X)
3253114101	Urea original melt liquor.....	a/	1,593,817	b/	547,385	b/	144,832	a/ 121,195
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	694,134		(D)		(D)	(D)
3253114121	Prills.....		(D)		(D)		(D)	(D)
3253114131	Granular.....		(D)		313,053		74,928	83,075
3253114141	All other (liquor sales, melamine, feedstock, other).....		(D)		(D)		(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....		3,033,515		994,443		274,074	148,733
	By use:							
3253121211	Fertilizer.....		2,774,013	b/	829,310	b/	202,649	141,594
3253121222	Feed and other 6/.....		259,502		165,133		71,425	7,139
	By grade:							
3253121311	Ortho (less than 65 percent P2O5).....		2,751,654	b/	709,128	b/	181,178	128,993
3253121322	Super (more than 65 percent P2O5) 6/.....		281,861		285,315		92,896	19,740
3253124100	Superphosphate and other phosphatic fertilizer materials:							
	Gross weight.....		3,890,367		4,048,365		795,586	490,645
	Nitrogen content.....		(X)		(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,830,431		1,902,731		(X)	(X)
3253124131	Monoammonium phosphates:							
	Gross weight.....		1,132,664		1,211,833	a/	243,258	93,470
	Nitrogen content.....		163,615		(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		569,774		613,132		(X)	(X)
3253124211	Diammonium phosphates:							
	Gross weight.....		2,451,408		2,536,007		494,049	339,005
	Nitrogen content.....		435,932		(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,099,439		1,137,427		(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/							
	Gross weight.....		306,295	a/	300,525	a/	58,279	a/ 58,170
	Nitrogen content.....		(X)		(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	c/	161,218	b/	152,172		(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/							
	Total gross.....	a/	9,953,925	b/	3,104,494	b/	174,359	421,711
	By feedstock:							
3251881111	Elemental sulfur.....		8,388,393	b/	1,848,437	b/	104,265	(X)
3251881121	Smelting metallic sulfide ore.....		560,737		594,495	a/	23,276	(X)
3251881131	Decomposition of alkylation and other spent acid.....		783,302		504,947		38,157	(D)
3251881141	Other.....		221,493	a/	156,615	a/	8,661	(X)
	By grade:							
3251881212	Oleum grades.....	a/	445,639	b/	324,888	b/	16,385	b/ 29,847
3251881231	Other than oleum grades.....		9,508,286	a/	2,779,606	b/	157,974	391,864
3251881311	Spent acid fortified in contact units and included in above production data.....	a/	341,575		(X)		(X)	(D)
	Total new acid 8/.....		9,170,623		(X)		(X)	(X)
<b>SECOND QUARTER</b>								
	Ammonia:							
3253111120	Synthetic, anhydrous (100 percent).....	a/	2,890,781	a/	1,094,718	a/	337,770	296,523
3253111121	Fertilizer use.....	a/	2,581,953		(D)		(D)	a/ 246,413
3253111131	Other uses.....		308,828		(D)		(D)	50,110
	Ammonium nitrate (100 percent):							
3253111201	Original melt liquor 2/.....	b/	1,831,285	b/	850,589	b/	182,639	b/ 164,388

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006  
[Quantity in short tons. Value in thousands of dollars]

Product code			Total production	Total shipments including interplant transfers		Quantity	Value	Stocks 1/
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....		(D)			(X)	(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	984,589			(X)	(X)	c/ (D)
3253111221	High density prill and granular.....		(D)			(D)	(D)	(D)
3253111226	Low density prill and grained.....	a/	487,691	b/	537,636	b/	125,690	a/ 36,666
3253111231	All other (e.g., liquor sales, etc.).....	b/	129,207	b/	(D)	b/	(D)	a/ 6,929
3253111240	Ammonium sulfate (100 percent).....		757,001			587,711	77,394	152,175
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....		(D)			(D)	(D)	(D)
3253111246	Byproduct 3/.....		(D)			(D)	(D)	(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	b/	931,840	a/	732,358	b/	163,568	b/ 146,506
3253111251	Ammonium nitrate/urea solutions.....	b/	892,454	b/	696,784	b/	158,521	(D)
3253111256	All other solutions 4/.....	b/	39,386	a/	35,574	b/	5,047	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/	1,849,444	c/	584,830	c/	78,535	(X)
3253114101	Urea original melt liquor.....	a/	1,620,196	b/	639,968	b/	167,223	a/ 146,192
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	639,688			(D)	(D)	(D)
3253114121	Prills.....		181,601			(D)	(D)	(D)
3253114131	Granular.....		774,314			385,987	96,033	97,293
3253114141	All other (liquor sales, melamine, feedstock, other).....		24,593			(D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....		2,969,006			975,962	280,756	148,729
3253121211	By use: Fertilizer.....	a/	2,735,673	b/	830,386	b/	210,904	142,825
3253121222	Feed and other 6/.....		233,333			145,576	69,852	5,904
3253121311	By grade: Ortho (less than 65 percent P2O5).....		2,673,620	c/	679,510	b/	182,043	130,873
3253121322	Super (more than 65 percent P2O5) 6/.....		295,386			296,452	98,713	17,856
3253124100	Superphosphate and other phosphatic fertilizer materials:							
	Gross weight.....		4,011,819			4,036,215	802,813	589,577
	Nitrogen content.....		(X)			(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,874,762			1,906,665	(X)	(X)
3253124131	Monoammonium phosphates:							
	Gross weight.....		1,049,559			1,110,612	241,772	163,196
	Nitrogen content.....	b/	161,297			(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		534,337			567,625	(X)	(X)
3253124211	Diammonium phosphates:							
	Gross weight.....		2,676,558			2,688,043	515,837	373,985
	Nitrogen content.....		472,777			(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,197,969			1,204,461	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/							
	Gross weight.....	b/	285,702	a/	237,560	a/	45,204	52,396
	Nitrogen content.....		(X)			(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/	142,456	b/	134,579		(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/							
	Total gross.....	a/	9,943,193	b/	3,163,288	b/	178,242	525,711
	By feedstock:							
3251881111	Elemental sulfur.....	a/	8,413,458	b/	1,888,533	b/	109,289	(X)
3251881121	Smelting metallic sulfide ore.....		594,075			596,059	20,942	(X)

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006  
[Quantity in short tons. Value in thousands of dollars]

Product code			Total production	Total shipments including interplant transfers		Quantity	Value	Stocks 1/
3251881131	Decomposition of alkylation and other spent acid.....	b/	754,999			494,296	39,076	(D)
3251881141	Other.....		180,661	a/		184,400	8,935	(X)
	By grade:							
3251881212	Oleum grades.....	a/	443,059	b/		334,656	18,574	b/ 35,301
3251881231	Other than oleum grades.....	a/	9,500,134	a/		2,828,632	159,668	490,410
3251881311	Spent acid fortified in contact units and included in above production data.....	a/	380,740			(X)	(X)	(D)
	Total new acid 8/.....		9,188,194			(X)	(X)	(X)
<b>FIRST QUARTER</b>								
	Ammonia:							
3253111120	Synthetic, anhydrous (100 percent).....	b/	2,351,433	a/		1,226,383	400,045	a/ 401,016
3253111121	Fertilizer use.....	a/	2,039,240			1,131,851	367,460	a/ 355,342
3253111131	Other uses.....	c/	312,193			94,532	32,585	b/ 45,674
	Ammonium nitrate (100 percent):							
3253111201	Original melt liquor 2/.....	b/	1,519,519	b/		849,418	190,468	168,793
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....		(D)			(X)	(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	708,771			(X)	(X)	(D)
3253111221	High density prill and granular.....		(D)			(D)	(D)	(D)
3253111226	Low density prill and grained.....	a/	489,816	b/		584,601	142,106	a/ 21,209
3253111231	All other (e.g., liquor sales, etc.).....	b/	147,324			(D)	(D)	8,907
3253111240	Ammonium sulfate (100 percent).....		670,985			602,768	79,173	158,302
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....		(D)			(D)	(D)	(D)
3253111246	Byproduct 3/.....		(D)			(D)	(D)	(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	b/	794,175	b/		601,859	128,532	b/ 215,361
3253111251	Ammonium nitrate/urea solutions.....	b/	746,114	b/		563,088	122,649	(D)
3253111256	All other solutions 4/.....	b/	48,061	a/		38,771	5,883	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/	1,561,946	c/		635,306	87,119	(X)
3253114101	Urea original melt liquor.....	b/	1,189,461	b/		451,263	126,937	b/ 172,416
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	513,534			(D)	(D)	(D)
3253114121	Prills.....		(D)			(D)	(D)	(D)
3253114131	Granular.....		(D)			226,327	56,014	114,339
3253114141	All other (liquor sales, melamine, feedstock, other).....		(D)			(D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....		2,867,898			1,017,268	296,789	159,822
	By use:							
3253121211	Fertilizer.....	a/	2,622,325	b/		861,892	219,161	154,562
3253121222	Feed and other 6/.....		245,573			155,376	77,628	5,260
	By grade:							
3253121311	Ortho (less than 65 percent P2O5).....		2,536,466	c/		687,607	186,109	137,407
3253121322	Super (more than 65 percent P2O5) 6/.....		331,432			329,661	110,680	22,415
3253124100	Superphosphate and other phosphatic fertilizer materials:							
	Gross weight.....		3,745,498			3,674,752	776,456	590,254
	Nitrogen content.....		(X)			(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,768,907			1,737,889	(X)	(X)
3253124131	Monoammonium phosphates:							
	Gross weight.....		1,165,490			1,072,752	235,839	204,751
	Nitrogen content.....	b/	173,754			(X)	(X)	(X)
	Phosphoric oxide content (100 percent							

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006  
[Quantity in short tons. Value in thousands of dollars]

Product code			Total production	Total shipments including interplant transfers		Value	Stocks 1/
				Quantity			
3253124211	P2O5).....		583,095	534,241		(X)	(X)
	Diammonium phosphates:						
	Gross weight.....		2,165,788	2,218,776		459,421	288,544
	Nitrogen content.....		373,393	(X)		(X)	(X)
3253124222	Phosphoric oxide content (100 percent P2O5).....		973,167	993,814		(X)	(X)
	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/						
	Gross weight.....	a/	414,220	383,224		81,196	96,959
	Nitrogen content.....		(X)	(X)		(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/	212,645	b/ 209,834		(X)	(X)
	Sulfuric acid (100 percent): 5/						
	Total gross.....	a/	9,699,825	b/ 2,950,121	b/	166,198	581,765
	By feedstock:						
3251881111	Elemental sulfur.....	a/	8,252,302	b/ 1,779,528	b/	105,977	(X)
3251881121	Smelting metallic sulfide ore.....		654,437	602,149	a/	18,293	(X)
3251881131	Decomposition of alkylation and other spent acid.....		604,682	393,755		34,923	(D)
3251881141	Other.....		188,404	a/ 174,689	a/	7,005	(X)
	By grade:						
3251881212	Oleum grades.....	b/	439,585	b/ 291,256	b/	14,516	b/ 42,873
3251881231	Other than oleum grades.....		9,260,240	a/ 2,658,865	b/	151,682	a/ 538,892
3251881311	Spent acid fortified in contact units and included in above production data.....	a/	416,185	(X)		(X)	(D)
	Total new acid 8/.....		9,095,143	(X)		(X)	(X)

D Withheld to avoid disclosing data for individual companies. N Nitrogen content. P2O5 Phosphoric oxide content.  
r/Revised by 5 percent or more from previously published data. X Not applicable.

1/Stocks held by producing companies include amounts held at their nonproducing locations.

2/Production represents total amount of ammonium nitrate produced including amounts for fertilizer, explosives, and other uses, and amounts consumed in manufacturing other products, such as nitrogen solutions. Stocks represent total stocks held by producing companies, including stock of original melt liquor and amounts (liquid and solid) reported as fertilizer, explosives, and other uses.

3/Excludes coke oven byproduct ammonium sulfate.

4/Solutions containing two or more products such as (a) ammonia, ammonium nitrate; (b) ammonia, urea; (c) ammonia, ammonium nitrate, urea.

5/Includes data for government-owned, contractor-operated plants.

6/Product code 3253121222 includes product codes 3253121111 and 3253121221, and product code 3253121322 includes product codes 3253121111 and 3253121321.

7/Product code 3253124222 includes product codes 3253124111 and 3253124121.

8/Total new acid equals total gross acid, minus fortified spent acid and sulfuric acid produced from the decomposition of alkylation acids and other spent acids and sludge acid.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.



Table 3. Quantity of Production, Exports, Imports, and Apparent Consumption of Fertilizers and Related Chemicals: 2007 and 2006  
[Quantity in thousands of metric tons]

Product code	Product description	Production	Exports of domestic merchandise 1/	Percent exports to production	Imports for consumption 2/	Apparent consumption 3/	Percent imports to apparent consumption
<b>2007</b>							
3253111120	Ammonia, synthetic anhydrous.....	10,385.5	N/A	N/A	7,939.6	N/A	N/A
3253111201	Ammonium nitrate, original solution.....	7,471.5	N/A	N/A	1,107.2	N/A	N/A
3253111250	Nitrogen solutions, ammonium nitrate/ urea solutions.....	3,597.9	N/A	N/A	3,201.7	N/A	N/A
3253111240	Ammonium sulfate.....	2,852.9	N/A	N/A	404.7	N/A	N/A
3253114100	Urea.....	5,584.7	N/A	N/A	6,546.4	N/A	N/A
3253121100	Phosphoric acid.....	10,959.7	N/A	N/A	578.6	N/A	N/A
3253124211	Diammonium phosphates.....	8,483.3	N/A	N/A	14.7	N/A	N/A
3251881100	Sulfuric acid, gross.....	36,055.7	336.4	0.9	2,620.4	38,339.7	6.8
<b>2006</b>							
3253111120	Ammonia, synthetic anhydrous.....	9,961.6	N/A	N/A	7,197.8	N/A	N/A
3253111201	Ammonium nitrate, original solution.....	6,411.8	N/A	N/A	1,110.3	N/A	N/A
3253111250	Nitrogen solutions, ammonium nitrate/ urea solutions.....	3,374.8	N/A	N/A	1,978.0	N/A	N/A
3253111240	Ammonium sulfate.....	2,603.8	N/A	N/A	339.0	N/A	N/A
3253114100	Urea.....	5,383.2	N/A	N/A	5,029.4	N/A	N/A
3253121100	Phosphoric acid.....	10,701.6	N/A	N/A	109.5	N/A	N/A
3253124211	Diammonium phosphates.....	8,722.6	N/A	N/A	54.4	N/A	N/A
3251881100	Sulfuric acid, gross.....	35,904.5	248.3	0.7	2,453.2	38,109.4	6.4

NA Not available.

1/Source: Census Bureau report EM 545, U.S. Exports.

2/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

3/Apparent consumption is derived by subtracting exports from manufacturers' production plus imports. Apparent consumption does not include any adjustments for changes in inventories.

Note: For comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2007

Product code	Product description	Export code 1/	Import code 2/
3253111120	Anhydrous ammonia, synthetic.....	2814.10.0000	2814.10.0000
3253111201	Ammonium nitrate, original solution.....	3102.30.0000	3102.30.0000
3253111240	Ammonium sulfate.....	3102.21.0000	3102.21.0000
3253111251	Nitrogen solutions, ammonium nitrate/urea solutions.....	3102.80.0000	3102.80.0000
3253114100	Urea.....	3102.10.0000	3102.10.0000
3253121100	Phosphoric acid.....	2809.20.0010 2809.20.0020 2809.20.0030	2809.20.0010 2809.20.0020 2809.20.0030
3253124111	Normal and enriched superphosphates.....	3103.10.0010	3103.10.0010
3253124121	Concentrated superphosphates.....	3103.10.0020	3103.10.0020
3253124211	Diammonium phosphates.....	3105.30.0000	3105.30.0000
3251881100	Sulfuric acid.....	2807.00.0000	2807.00.0000

1/Source: 2007 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Harmonized Tariff Schedule of the United States, Annotated (2007).

## Historical Note

The Census Bureau has collected data on inorganic fertilizer chemicals and sulfuric acid since 1941.

Historical Current Industrial Reports data (called Facts for Industry before 1959) may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.